	2FL			<u>,</u>						Sh	eet 1 o	<u>f</u> 4	
FORM PTO A THOM DIGGLOST FOR THE STATE OF COMMERCE				ATTY 82661	ATTY DOCKET NO. 82661084				SERIAL NO. 10/602,903				
INFORM	AIIC	ON DISCLOSURE ST several sheets if necessary	ATEMENT	APPLI Metz e	CANT t al.								
				FILING 06/24/	G DATE			GROUP 3632	•				
					U.S. PATENT D	OCUMEN'	rs			i			
*EXAMINER INITIAL		DOCUMENT NUMBER DATE			NAME	CLASS		SUBCLASS			IG DATE		
20	м	3,709, 372	1/1973	Alexande				1				ᅱ	
ω_{0}	AB	3,709,556	1/1973	Allard et a	ıL.			1				\dashv	
(M)	AC	4,190, 224	2/1980	LeBlanc e	t al.				1			ㅓ	
- (NA)	ΛD	4,225,104	9/1980	Larson	· · -			 	†			\dashv	
· (Y _A)	AE	4,332,378	6/1982	Pryor			1	 	 	 		\dashv	
,0,1	AF	4,489,454	12/1984	Thompson	l .		╁	\vdash	\vdash	 		\dashv	
-0.1	AG	4,807,837	2/1989	Gawlik et	aî.		╁	├	├─			\dashv	
NJ	AH	4,811,435	3/1989	Foster et a	L		┼─	├	 			\dashv	
OL.	AI	4,886,237	12/1989	Dennis			├—	 				4	
OW	AJ	4,905,944	3/1990	Jost et al.			├-				·	\dashv	
0101	AK	5,060,327	10/1991	Celestina e	t al.		\vdash	-				\dashv	
	<u> </u>		<u> </u>		FOREIGN PATENT	- L	<u> </u>	<u> </u>					
					POREIGN PATENT	DOCUME	N12	$\overline{}$				$\overline{}$	
÷	ĺ	DOCUMENT NUMBER	DATE		COUNTRY	CL.	ASS	S SUBCLASS			LATION	-	
Sh)	AL	WO 97/49442	12/1997	PCT (WIP	D)	$\dashv \lnot$				YES	NO	\dashv	
	АМ			', , , , , , , , , , , , , , , , , , , 		1					***	7	
	AN			¥ 1.								7	
	AO			·							-	1	
	AP											\dashv	
	AQ	·			•••		$\neg \dagger$					-	
		O	THER REFEREN	ICES (Inc	luding Author, Title, Do	nte Pertinen	Poge	e Fin l			_	لـ	
	AR			1020 (1110	The state of the s	are, I erantera	ruge	s, e.c.)				T	
			· · · · · · · · · · · · · · · · · · ·					-				\dashv	
	AS											-	
												4	
	AT											-	
İ		-				·····						-	
EXAMINER ,			·		DATE CO. (2)							-	
V					DATE CONSIDERED							1	

•EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1487 U.S. OFFARTMENT OF COMMERCE				ATTY DOCKET NO. 8266-1084				SERIAL NO. 10/602,903				
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Metz et al.								
								GROUP 3632				
				U.S. PA	ATENT DOCUM	ŒNT	S					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CL	ASS	SUB	CLASS	FILING IF APPL		
.Dal	ВА	5,072,906	12/1991	Foster					1]
	BB	5,078,348	1/1992	Babitchenko		\neg						1
	вс	5,117,521	6/1992	Foster et al.								1
	BD	5,135,191	8/1992	Schmuhl		\neg						1
	BE	5,319,816	6/1994	Ruehl		T	i					1
	BF	5,335,384	8/1994	Foster et al.								1
	BG	5,335,651	8/1994	Foster et al.								1
	ВН	5,337,845	8/1994	Foster et al.	, "							1
	ВІ	5,337,992	8/1994	Pryor et al.							 .	
	BJ	5,366, 191	11/1994	Bekanich								1
(10)	вк	5,388,294	2/1995	Reeder								1
	<u> </u>			FOREIGN	PATENT DOC	UME	NTS					
										TRANSI	ATION	
		DOCUMENT NUMBER	DATE	COUNTR	Y	αν	ASS	SOB	CLASS	YES	NO]
	BL											
	вм	,]
	BN											
	во											
	BP											
,	BQ									•		
			OTHER REFERE	NCES (Including Auth	or, Title, Date, Pe	rtinen	u Page	s, Etc.))			_
	BR											
	1											
	l .	1]
	BS											
	BS											
	BS											
EXAMINER				DATE CO	NSIDERED							
examiner Onarie	вт	entiold		DATE CO	NSIDERED							
Ongrie	BT	emululy ference considered, whether of	or not citation is in coor	2/	6/04	itation	if not is	n conform	mance and	not considered	l. Include co	Py

									50 5 01	÷
FORM PYCHAS9 LES DEPARTMENT OF COMMERCE			ATTY DOCKET NO. SERIAL NO. 10/602,903							
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT Metz et al.							
(Oze 1566/m 2men A 16660m 2)						GROUP 3632				
			<u> </u>	U.S. PATENT DOC	UMENTS					
*EXAMINER DOCUMENT NUMBER DATE		NAME	GV.	ss st	IBCLASS		DATE ICABLE			
Or)	CA	5,407,163	4/1995	Kramer et al.			1			1
1	СВ	5,421,548	6/1995	Bennett et al.]
	œ	5,457,831	10/1995	Foster et al.						
	co	5,497,766	3/1996	Foster et al.	T					
	Œ	5,499,721	3/1996	Hansen et al.						
	CF	5,527,289	6/1996	Foster et al.						
	<u>~</u>	5,561,878	10/1996	Ruchl						
	СН	5,562,091	10/1996	Foster et al.						
	а	5,636,823	6/1997	Boyd	11					
	G	5,647,491	7/1997	Foster et al.						1
7/2	СК	5,802,636	9/1998	Corbin et al.	17					1
			L	FOREIGN PATENT D	OCUMEN	TS		<u> </u>		•
						T		TRANSLATION		
ĺ	1	DOCUMENT NUMBER	DATE	COUNTRY	GA.	ss st	JBCLASS	YES	МО	
	1									1
	a									4
	СТ									
	 									
	СМ									
	CN CN									
	ом СN 8									
	6x 6x 8		THER REFERE	ENCES (Including Author, Tule, Date	e, Pertinent	Pages, Et	-			
	6x 6x 8	C	THER REFERE	ENCES (Including Author, Tule, Date	, Pertinent	Pages, Ei	-			
	ом Ст 80 Ст 82	C	THER REFERI	ENCES (Including Author, Tule, Date	, Pertinens	Pages, Ei	-			
	CM CN CP CR CR		THER REFERE	ENCES (Including Author, Tule, Date	r, Pertinens	Pages, Ed	-			
	ом Ст 80 Ст 82		THER REFERE	ENCES (Including Author, Title, Date	:, Pertinent	Pages, Ei	-			
	CM CN CN CP CP CR		THER REFERE	ENCES (Including Author, Tule, Date	, Pertinens	Pages, Et	-			
	CM CN CN CP CP CR		THER REFERE	ENCES (including Author, Title, Date	, Pertinent	Pages, Et	-			
FYAMNFE	CM CN CN CP CP CR		THER REFERI		e, Pertinent	Pages, Et	-			
EXAMINER	CM CN CN CP CP CR) and all d	THER REFERE	DATE CONSIDERED	, Pertinent	Pages, Et	-			
Orgin	CM CN CN CP CR CR	Jankold					c.)	I not considere	d. Include o	-

								ن		
FORM PTO 1449 U.S. DEPARTMENT OF COMMERCE 1 & TREASENT AND TRADEMARK OFFICE				ATTY DOCKET NO. 8266-1084		SERIAL NO. 10/602,903				
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Metz et al.						
(Use several sneets () necessary)				FILING DATE 06/24/03	GROUP 3632	T				
			·	U.S. PATENT DOCU	MENTS	L				
*EXAMINER DOCUMENT NUMBER DATE				NAME	CLAS	S SUBCLASS	FILING DATE	1		
INITIAL	INITIAL 5.806.111 9/1998			Heimbrock et al.		- 	IF APPLICABLE	4		
- Cho	DA	5,898,961	5/1999	Ambach et al.	+		 	4		
	DB						ļ	4		
	DC	5,966,760	10/1999	Gallant et al.	1			_		
DW	DD	6,179,260	1/2001	Ohanian				_]		
	DE		<u> </u>		<u> </u>					
	DF]		
	DG							7		
	DH							7		
	DI							7		
	DJ						 	1		
	DK							1		
	1	<u> </u>	<u> </u>	FOREIGN PATENT DO	CUMEN	rs				
	Γ	I	Г	POREIGN TATENT DO	T		TRANSLATION	$\overline{1}$		
	ł	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	S SUBCLASS		1		
	 			· · · · · · · · · · · · · · · · · · ·		 	YES NO	-		
	DL				<u> </u>		 	-		
	DM	<u> </u>					 	-{		
	DN				 	<u> </u>	 	4		
	DO				ļ		<u> </u>	_		
	DP				<u> </u>			_		
	DQ				<u> </u>					
		0	THER REFERE	NCES (Including Author, Title, Date, F	Pertinent F	Pages, Esc.)				
	DR									
								7		
	DS							7		
			· · · · · · · · · · · · · · · · · · ·					1		
	DT			· · · · · · · · · · · · · · · · · · ·				1		
			·- <u></u>					1		
EXAMINER	I			DATE CONSIDERED				1		
MAI	ام	() em luela	-1							
*EYAMINED I	in it	O CONTO VOG-V.	- }	formance with MPEP 609; Draw line through	aimtica is	not in annin	Last annuldered Trade de la			
of this form with n	eni Cons	terence considered, whether or	INN CERTIOU IS RO COU	tormatice with Mirer 609; Litam line through	C105000 11 1	ax in comormance and	nox constnered. Include co	эру		